

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

MINERIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	3 4 9 1 0 7 3	1-20-70	Marinak			
	4 2 0 5 0 2 1	5-27-80	Morita et al.			
	5 0 5 5 4 3 8	10-08-91	Canich			
	4 5 3 0 9 1 4	7-23-85	Ewen et al.			
	4 9 3 5 4 7 4	6-19-90	Ewen et al.			
	4 9 3 7 2 5 9	6-26-90	Ewen et al.			
	5 0 2 6 7 9 8	6-25-91	Canich			
	3 6 4 5 9 9 2	02-29-72	Elston			
	5 0 9 6 8 6 7	03/1992	Canich et al.	502	103	
	6 0 6 0 5 6 7	05/2000	Lai et al.	526	126	
PR	5 9 8 6 0 2 8	11/1999	Lai et al.	526	126	

FOREIGN PATENT DOCUMENTS

MINERIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
PR	0 4 1 6 8 1 5 A2	03/1991	European			
PR	9 0 0 3 4 1 4	04/1990	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PR	Journal of Polymer Science, Part A, Vol. 1 (pp. 2869-2880 (1963)), "Long-Chain Branching Frequency in Polyethylene" by J. E. Guillet
	Polymer Preprints, Amer. Chem. Society, Vol. 12, No. 1, pp. 277-281 (March 1971), "Evidence of Long-Chain Branching in High Density Polyethylene" by E. E. Drott and R. A. Mendelson
	Journal of the American Chemical Society, 96:7, pp. 1729-1742 (March 31, 1976) "Structure and Chemistry of Biscyclopentadienyl-Mn Complexes" by Joseph W. Lauber and Roald Hoffman
	Polymer Engineering and Science, Vol. 16, No. 12, pp. 811-816 (December 1976), "Influence of Long-Chain Branching on the Viscoelastic Properties of Low-Density Polyethylenes" by L. Wild, R. Ranganath, and D. Knobeloch
	Angew. Chem. Int. Ed. Engl. pp. 630-632 (1976) Vol. 15, No. 10, "Halogen-Free Soluble Ziegler Catalysts for the Polymerization of Ethylene. Control of Molecular Weight by Choice of Temperature" by Arne Andreassen et al.
PR	Advances in Organometallic Chemistry, pp. 99-146, Vol. 18, (1980) "Ziegler-Natta Catalysis" by Hansjorg Sinn and Walter Kaminsky

MINER: Kohut, Pukay DATE CONSIDERED: 2/3/04

MINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	5 0 8 2 9 0 8	1-21-92	Imai et al.			
	5 0 5 9 4 8 1	10-22-91	Lustig et al.			
	4 9 6 7 8 9 8	11-6-90 12-11-90	Muller et al. Lustig et al.			
	4 9 6 6 9 5 1	10-30-90	Benham et al.			
	4 9 6 3 3 8 8	10-16-90	Benoit			
	4 8 3 3 0 1 7	5-23-89	Benoit			
	4 8 2 6 9 3 9	5-2-89	Stuart			
	4 8 0 3 2 5 3	2-7-89	McDaniel et al.			
	4 6 9 2 3 8 6	9-8-87	Schinkel et al.			
RL	4 6 9 0 9 9 1	9-1-87	Seppel Seppala			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	Derwent 90-239017/31
RL	Advances In Polyolefins, by R. B. Seymour and T. Cheng, (1967) "Polymerization of Olefins With A Homogeneous Zirconium/Alumoxane Catalyst", pp. 361-371 by W. Kaminsky and R. Hahnert

EXAMINER:

Robert R. R. R.

DATE CONSIDERED:

2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR		4	6	6	8	5	7	5	5-26-87	Schinkel et al.			
		4	6	6	6	7	7	2	5-19-87	Schinkel et al.			
		4	6	2	4	9	9	1	11-25-86	Haas			
		4	5	8	8	7	9	4	5-13-86	Oda			
		4	4	8	2	6	8	7	11-13-84	Noshay et al.			
		4	3	9	0	6	7	7	6-28-83	Karol et al.			
		4	3	6	3	9	0	4	12-14-82	Fraser et al.			
		4	3	5	9	5	6	1	11-16-82	Fraser et al.			
PR		4	3	0	3	7	7	1	12-01-81	Wagner et al.			

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		YES	NO											

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PR		1991 Specialty Polyolefins Conference Proceedings, "The Marketing Challenge Created By Single Site Catalysts in Polyolefins," September 24, 1991, (pp. 41-45) by Michael P. Jeffries
		High Polymers, Vol. XX, "Crystalline Olefin Polymers" Part I, pp. 495-501, Raff et al.
		1991 Polymers, Laminations & Coatings Conference, TAPPI Proceedings, presented in February, 1991, pp. 289-296, "A New Family of Linear Ethylene Polymers with Enhanced Sealing Performance" by D. Vander Sanden and R. W. Halle
		Society of Plastic Engineers 1991 Specialty Polyolefins Conference Proceedings, pp. 41-55, "The Marketing Challenge Created by Single Site Catalysts in Polyolefins" by M. Jellenes (September 24, 1991)
		Advances in Polyolefins, by R. B. Seymour and T. Cheng, (1987), pp. 373-380 "Crystallinity and Morphology of Ethylene α -Olefin Copolymers" by P. Schouterden, G. Groeninckx, and H. Reynaers
PR		Advances in Polyolefins, by R. B. Seymour and T. Cheng, (1987) "New Catalysts and Process For Ethylene Polymerization", pp. 337-354, by F. Karol, B. Wagner, T. Levine, G. Goeke, and A. Noshay

EXAMINER:	<i>Robert Ruff</i>	DATE CONSIDERED:	2/3/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RR	4 3 0 2 5 6 6	11-24-81	Karol et al.			
	4 2 5 9 4 6 8	3-31-81	Kajiura et al.			
	4 0 1 1 3 8 4	3-8-77	Baxmann et al.			
	5 0 8 4 9 2 7	2-4-92	Parkevich			
	5 0 8 4 0 3 9	1-28-92	Cancio et al.			
	5 0 7 3 5 9 9	12-17-91	Genske			
	5 0 7 3 4 5 2	12-17-91	Satou et al.			
	5 0 6 8 4 8 9	11-26-91	Edwards et al.			
	5 0 6 4 7 9 6	11-12-91	Specia			
	5 0 5 5 5 3 4	10-8-91	Theobald			
RR	5 0 5 5 5 3 3	10-8-91	Allen et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RR	Journal of Macromolecular Science: Reviews in Macromolecular Chemistry and Physics, C29(243), pp. 201-303 (1989) "A Review of High Resolution Liquid ¹³ C Carbon Nuclear Magnetic Resonance Characterization of Ethylene-Based Polymers", J. C. Randall.
	Journal of Non-Newtonian Fluid Mechanics, 36, pp. 255-263 (1990) "Additional Observations on The Surface Melt Fracture Behavior of Linear Low-Density Polyethylene" by R. Moynihan, D. Baird, and R. Ramanathan
	Makromol. Chem. Rapid Commun., pp. 39-94 (1990) "Terpolymers of Ethylene, Propene and 1,5-Hexadiene Synthesized with Zirconocene/Methylaluminoxane," by W. Kaminsky and H. Drogemüller
	Journal of Rheology, 35 (4), 3 (May, 1991) pp. 497-522 "Wall Slip of Molten High Density Polyethylene. I. Sliding Plate Rheometer Studies" by S. C. Hatzikiriakos and J. M. Dealy
	Proceedings of the 1991 IEEE Power Engineering Society, pp. 184-190 (September 22-27, 1991), "New Specialty Linear Polymers (SLPT) For Power Cables" by Monica Hendewerk and Lawrence Spenadel
RR	Society of Plastic Engineers Proceedings, Polyolefins VII International Conference, February 24-27, 1991, "Structure/Property Relationships In Expt TM Polymers" (pp. 45-66) by C. Speed, B. Trudell, A. Mehta, and F. Stehling

EXAMINER: Roberto Robles DATE CONSIDERED: 2/3/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

115

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	5 0 4 7 4 6 8	9-10-91	Lee et al.			
	R E 3 3 6 8 3	9-3-91	Allen et al.			
	5 0 4 3 0 4 0	8-27-91	Butler			
	5 0 4 1 3 1 6	8-20-91	Parnell et al.			
	5 0 2 5 0 7 2	6-18-91	Nöwlin et al.			
	5 0 2 4 7 9 9	6-18-91	Harp et al.			
	5 0 1 5 5 1 1	5-14-91	Treybig et al.			
	5 0 1 3 8 0 1	5-7-91	Cozewith et al.			
RL	5 0 0 6 3 9 6	4-9-91	VanBortel et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	Journal of Applied Polymer Science, pp. 3751-3765 (1985) Vol. 30, "On the Effects of Very Low Levels of Long Chain Branching on Rheological Behavior in Polyethylene" by B. H. Bersted
	Journal of Polymer Science: Polymer Chemistry Edition, pp. 2151-2164 (1985) Vol. 23, "Ethylene Propylene Diene Terpolymers Produced with a Homogeneous and Highly Active Zirconium Catalyst" by Walter Kaminsky et al
	The Society of Rheology, pp. 337-357 (1986) Vol. 30, "Wall Slip in Viscous Fluids and Influence of Materials of Construction" by A. V. Ramamurthy
	Makromol. Chem., Macromol. Symp., 4, pp. 103-113 (1986) "Elastomers By Atactic Linkage of α -Olefins Using Soluble Ziegler Catalysts" by W. Kaminsky and M. Schlobohm
	Journal of Rheology, 31 (8) pp. 815-834 (1987) "Wall Slip and Extrudate Distortion in Linear Low-Density Polyethylene" by D. Kalika and M. Denn
RL	Makromol. Chem., 190, pp. 515-526 (1989) "Copolymerization of Cycloalkenes with Ethylene in Presence of Chiral Zirconocene Catalysts" by W. Kaminsky and R. Spiehl

EXAMINER:

Kohutsky Raley

DATE CONSIDERED:

2/3/04

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	4 9 8 3 4 4 7	1-8-91	Crass et al.			
	4 9 8 1 8 2 6	1-1-91	Specia			
	4 9 7 5 3 1 5	12-4-90	Bolthe et al.			
	4 9 6 8 7 6 5	11-6-90	Yagi et al.			
	4 9 2 5 7 2 8	5-15-90	Crass et al.			
	4 9 2 1 9 2 0	5-1-90	Collomb-Ceccarini et al.			
	4 8 9 2 9 1 1	1-9-91	Genske			
	4 8 8 8 3 1 8	12-19-89	Allen et al.			
RL	4 8 8 2 4 0 6	11-21-89	Cozewith et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RL	Angew. Chem. Int. Ed. Engl., pp. 390-393, Vol 19 No. 5 (1980) "Living Polymers" on Polymerization with Extremely Productive Ziegler Catalysts by Hansjorg Sinn, Walter Kaminsky, Hans-Jurgen Vollmer, and Rudiger Woldt
	Polymer Bulletin, 9, pp. 464-469 (1983) "Halogen Free Soluble Ziegler Catalysts with Methylalumoxan as Catalyst" by Jens Herwig and Walter Kaminsky
	Makromol. Chem., Rapid Commun., 4, pp. 417-421 (1983) "Bis(cyclopentadienyl)zirkon-Verbindungen und Aluminoxane als Ziegler-Katalysatoren fur die Polymerisation und Copolymerisation von Olefinen" by Walter Kaminsky et al.
	ANTEC Proceedings, pp. 306-309 (1983), "Analysis of Long Chain Branching in High Density Polyethylene" by J.K. Hughes.
	Makromol. Chem., Rapid Commun., (5) pp. 225-228 (1984) "Influence of hydrogen on the polymerization of ethylene with the homogeneous Ziegler system bis(cyclopentadienyl)zirconiumdichloride/aluminoxane" by Walter Kaminsky et al.
RL	Journal of Polymer Science: Polymer Chemistry Edition, pp. 2117-2132 (1985) Vol. 23, "Homogeneous Ziegler-Natta Catalysis. II. Ethylene Polymerization by IVB Transition Metal Complex-Methyl Aluminoxane Catalyst Systems" by E. Giannelli and R. Mazzocchi

EXAMINER: Robert P. [Signature] DATE CONSIDERED: 2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. 1-88

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RM	4 8 7 6 3 2 1	10-24-89	Lo et al.			
	4 8 7 4 8 2 0	10-17-89	Cozewith et al.			
	4 8 5 7 6 1 1	8-15-89	Durand et al.			
	4 8 4 2 9 5 1	6-27-89	Yamada et al.			
	4 8 4 2 9 3 0	6-27-89	Schinkel			
	4 8 4 2 1 8 7	6-27-89	Janocha et al.			
	4 8 3 4 9 4 7	5-30-89	Cook et al.			
	4 8 3 0 9 2 6	5-16-89	Mostert			
	4 8 2 4 8 8 9	4-25-89	Mostert			
RM	4 8 0 8 6 3 5	2-28-89	Nguyen			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Robert Rab  DATE CONSIDERED: 2/3/04

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

62, 455

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	4	7	8	9	7	1	4	12-6-88	Cozewith et al.			
	4	7	8	8	2	3	2	11-29-88	Needham			
	4	7	8	0	2	6	4	10-25-88	Dohrer et al.			
	4	7	7	5	7	1	0	10-4-88	Dunski et al.			
	4	7	6	4	5	4	9	8-16-88	Greenhalgh et al.			
	4	7	6	2	8	9	8	8-9-88	Matsuura et al.			
	4	7	4	2	1	3	8	5-3-88	Kageyama			
	4	7	3	2	8	8	2	3-22-88	Allen et al.			
	4	7	2	2	9	7	1	2-2-88	Datta et al.			
	4	7	1	9	1	9	3	1-12-88	Levine et al.			
PR	4	7	1	6	2	0	7	12-29-87	Cozewith et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER:

Kokubo Paka

DATE CONSIDERED:

2/3/04

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4-9-88

CA 1041

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	4 7 1 0 5 3 8	12-1-87	Jorgensen			
	4 6 9 0 9 9 2	9-1-87	Grubbs et al.			
	4 6 7 7 0 8 7	6-30-87	Lo et al.			
	4 6 7 6 9 2 2	6-30-87	Sommer			
	4 6 7 2 0 9 6	6-9-87	Nowlin			
	4 6 6 8 6 5 0	5-26-87	Lo et al.			
	4 6 6 6 9 9 9	5-19-87	Cook et al.			
	4 6 2 9 7 7 1	12-16-86	Candlin et al.			
	4 6 2 6 4 6 7	12-2-86	Hostetter			
PR	4 6 1 8 6 6 2	10-21-86	Nowlin			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: <u>Rohit K. Sub</u>	DATE CONSIDERED: <u>2/3/04</u>
EXAMINER: Initial if citation considered, whether or not citations in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

F-582

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	4 5 9 9 3 9 1	7-8-86	Yamamoto et al.			
	4 5 9 3 0 0 9	6-3-86	Nowlin			
	4 5 8 7 3 1 8	5-6-86	Inoue et al.			
	4 4 7 4 7 4 0	10/2/84 4-29-86	Karwat et al. Gross et al.			
	4 5 6 8 7 1 3	2-4-86	Hansen et al.			
	4 5 4 7 5 5 5	10-15-85	Cook et al.			
	4 5 1 9 9 6 8	5-28-85	Michel et al. Klaus et al.			
	4 5 1 3 0 3 8	4-23-85	Anthony			
PR	4 5 0 5 9 7 0	3-19-85	Craver			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Rohit Raha DATE CONSIDERED: 2/3/04

EXAMINER, Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RL</i>	4 4 6 7 0 6 5	8-21-84	Williams et al.			
	4 4 6 1 7 9 2	7-24-84	Anthony			
	4 4 5 4 2 8 1	6-12-84	Heitz et al.			
	4 4 5 2 9 5 8	6-5-84	Chester et al.			
	4 4 2 7 5 7 3	1-24-84	Miles et al.			
	4 4 2 4 1 3 8	1-3-84	Candlin et al.			
	4 4 1 0 6 4 9	10-18-83	Cieloszyk			
	4 3 8 3 0 9 5	5-10-83	Goeke et al.			
	4 3 7 9 1 9 7	4-5-83	Cipriani et al.			
	4 3 7 0 4 5 6	1-25-83	George			
<i>RL</i>	4 3 5 4 0 0 9	10-12-82	Goeke et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER:

Roberto P. ...

DATE CONSIDERED:

2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4-765

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PL	5	0	5	5	3	3	8	10-8-91	Sheth et al.				
	5	0	1	9	3	1	5	5-28-91	Wilson				
	4	9	9	6	0	9	4	2-26-91	Dutt				
	4	9	5	9	4	3	6	9-25-90	Cozewith et al.				
	4	9	2	3	7	5	0	5-8-90	Jones				
	4	8	8	3	8	5	3	11-28-89	Hobes et al.				
	4	8	7	4	8	2	0	10-17-89	Cozewith et al.				
PL	4	8	2	0	5	8	9	4-11-89	Dobreski et al.				

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Roberto Robles DATE CONSIDERED: 2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

2-7 YES

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE						
PR	4 7 9 2 5 9 5	12-20-88	Cozewith et al.									
	4 7 2 0 4 2 7	1-19-88	Clauson et al.									
	4 6 4 9 0 0 1	3-10-87	Nakamura et al.									
	4 6 1 7 2 4 1	10-14-86	Mueller									
	4 6 1 3 5 4 7	9-23-86	Wagner et al.									
	4 5 9 8 1 2 8	7-1-86	Randall et al. James et al.									
	4 5 9 7 9 2 0	7-1-86	Golike									
	4 5 8 8 6 5 0	5-13-86	Mientus et al.									
PR	4 5 6 4 5 5 9	1-14-86	Wagner									

FOREIGN PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Richard Raker DATE CONSIDERED: 2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	4 5 6 3 5 0 4	1-7-86	Hert et al.			
	4 5 5 1 3 8 0	11-5-85	Schoenberg			
	4 5 3 2 1 8 9	7-30-85	Mueller			
	4 5 1 4 4 6 5	4-30-85	Schoenberg			
	4 4 8 6 5 7 9	12-4-84	Machon et al.			
	4 4 8 5 2 1 7	11-27-84	Gunter et al.			
	4 4 6 4 4 2 6	8-7-84	Anthony			
	4 4 6 3 1 5 3	7-31-84	Mizutani et al.			
	4 4 3 8 2 4 3	3-20-84	Kashiwa et al.			
PR	4 4 1 8 1 1 4	11-29-83	Briggs et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Robert R. R. DATE CONSIDERED: 2/3/04

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. 7-85

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PP	4 3 9 9 1 8 0	8-16-83	Briggs			
	4 3 8 0 5 6 7	4-19-83	Shigemoto			
	4 3 6 7 2 5 6	1-4-83	Biel			
	4 3 4 9 6 4 8	9-14-82	Jorgensen et al.			
	4 3 4 6 8 3 4	8-31-82	Mazumdar			
	4 3 4 0 6 4 1	7-20-82	Weiner			
	4 3 4 0 6 4 0	7-20-82	Weiner			
	4 3 3 9 4 9 6	7-13-82	Weiner			
	4 3 3 9 4 9 3	7-13-82	Weiner			
	4 3 2 8 3 2 8	5-4-82	Minami et al.			
PP	4 3 0 3 7 1 0	12-1-81	Bullard et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Robert Rakey DATE CONSIDERED: 2/3/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Lai, Shih-Yaw et al.
For: Elastic Substantially Linear Olefin Polymers
Atty. Docket No. DOW-8544-CJ

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	4 4 0 5 7 7 4	9-20-83	Miwa et al.			
	4 5 1 0 3 0 3	4-9-85	Oda et al.			
	4 6 6 8 7 5 2	5-26-87	Tominari et al.			
	4 9 8 7 2 1 2	1-22-91	Mortero et al.			
	5 0 8 4 5 4 0	1-28-92	Albizzati et al.			
	5 6 6 5 8 0 0	09/1997	Lai et al.	524	115	
	5 5 2 5 6 9 5	06/1996	Lai et al.	526	352	
	66 0 2 5 4 4 8	02/2000	Swindoll et al.	526	127	
RL	5 3 3 6 7 4 6	08/1994	Tsutsui et al.	526	348.6	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Robert Kubacki

DATE CONSIDERED: 2/3/04

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.